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(54) Title: VACCINES

(57) Abstract: A vaccine formulation for the prevention or amelioration of plasmodium infection in humans is provided. The vaccine comprises a malaria antigen, especially a protein which comprises a portion of the CS protein of *P. falciparum* fused in frame via a linear linker to the N-terminal of HBsAg, and an immunostimulatory CpG oligonucleotide. Methods for making the vaccine formulation of the invention are described. Patients may also be treated by pre-administration of the CpG oligonucleotide prior to administration of the malaria antigen.

ABSTRACT

A vaccine formulation for the prevention or amelioration of plasmodium infection in humans is provided. The vaccine comprises a malaria antigen, especially a protein which comprises a portion of the CS protein of *P. falciparum* fused in frame via a linear linker to the N-terminal of HBsAg, and an immunostimulatory CpG oligonucleotide. Methods for making the vaccine formulation of the invention are described. Patients may also be treated by pre-administration of the CpG oligonucleotide prior to administration of the malaria antigen.